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IN BERLIN-DAHLEM

BIBLIOGRAPHIE DER PFLANZENSCHUTZ-LITERATUR

BIBLIOGRAPHY OF PLANT PROTECTION

BIBLIOGRAPHIE DE LA PROTECTION DES PLANTES

1954

I. Teil

Bearbeitet von

Regierungsrat

Dr. J. Bärner

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Vorwort

Die »Bibliographie der Pflanzenschutzliteratur« wurde von Oberregierungsrat Professor Dr. Morstatt im Jahre 1921 zum ersten Male herausgegeben und umfaßt in 29 Bänden die Pflanzenschutzliteratur der Jahre 1914—1954. Vorliegende Bibliographie enthält über 17800 Literaturzitate des Jahres 1954.

Die von Prof. Morstatt geschaffenen Gruppierungen wurden beibehalten. Um jedoch aus dem umfangreichen Material ein schnelles und sicheres Auffinden der gesuchten Literatur zu gewährleisten, war es unerläßlich, die einzelnen Kapitel, ihrem Umfang entsprechend, weiter aufzuteilen. Dies trifft besonders für die einzelnen Abschnitte über pilzliche Parasiten und Insektenschädlinge zu. Aus praktischen Erwägungen heraus sind hier die Überschriften lateinisch bezeichnet und systematisch geordnet. Wo sich jedoch die systematische Gliederung als unzweckmäßig erwies, wurde eine alphabetische Anordnung der betreffenden Familien und Gattungen bevorzugt, so z. B. in den Abschnitten III, 5 »Handelspflanzen« und III, 9 »Zierpflanzen«.

Die mit römischen und arabischen Zahlen versehenen Hauptabteilungen und Hauptkapitel blieben, entsprechend der Aufteilung früherer Ausgaben der Bibliographie der Pflanzenschutzliteratur, unverändert, um eine laufende Eingruppierung der Literaturnachweise in die Gesamtkartei des Pflanzenschutzes zu ermöglichen. Diese befindet sich in der Biologischen Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem, und umfaßt etwa 300000 Karteikarten.

Sämtliche Kapitelüberschriften sind in einem ausführlichen Inhaltsverzeichnis aufgeführt, und es ist empfehlenswert, vor dem Aufsuchen von Literatur diesen Index weitgehend zu benutzen. Hinzukommen die »lebenden Kolumnentitel«, die für eine allgemeine Orientierung ausreichend sind.

Titel, Einleitungen, Kapitelüberschriften und »lebende Kolumnentitel« werden in drei Sprachen, deutsch, englisch und französisch, wiedergegeben. Erläuterungen zur Quellenangabe, wie Seitenzahlen, Abbildungen usw., erscheinen bei Literaturzitaten deutscher Arbeiten in deutscher Sprache, bei ausländischen durchgehend in lateinischer. Die entsprechenden Abkürzungen sind nachfolgender Tabelle zu entnehmen:

lateinisch		deutsch		englisch	französisch
ann.	= annus	Jahrg.	= Jahrgang	annual publication	année
ed.	= editio	Aufl.	= Auflage	edition	édition
fig.	= figura(e)	Abb.	= Abbildung(en)	figure	figure, illustration
nr.	= numerus	Nr.	= Nummer(n) Heft(e)	number	numéro
n. ser.	= nova series	n. S.	= neue Serie neue Reihe	new series	série nouvelle
p.	= pagina(e)	S.	= Seite(n)	page	page
separ.	= separatum	Sdr.	= Sonderdruck	special print	tirage à part
tab.	= tabula	Taf.	= Tafel(n)	plate	planche
tab. col.	= tabula colorata	Farbtaf.	= Farbtafel(n)	coloured plate	planche en couleurs
tab. geogr.	= tabula geographica	Kart.	= Karte(n) Landkarte(n)	map	carte
vol.	= volumen	Bd. Bde.	= Band = Bände	volume	volume, tome

Um bei der Dokumentation von Veröffentlichungen allgemeinen Inhalts Überschneidungen zu vermeiden, sind auch den Untergruppierungen Kapitel mit allgemeinen Themen vorangestellt.

Literaturangaben über die Gattungen *Morus* und *Salix* wurden gesondert an den Schluß des Kapitels III, 8 »Forstgehölze« gestellt.

In eckigen Klammern beigefügte Texte dienen zur besseren Inhaltsbezeichnung des Literaturzitats.

Literaturzitate in kyrillischer Schrift werden nach der deutschen, wissenschaftlichen Transliteration wiedergegeben, die den deutschen Normen »Transliteration kyrillischer Buchstaben«, DIN 1460 Entwurf vom Dezember 1953, und den Empfehlungen der ISO, International Organization for Standardization, no. R 9 – 1954 (E) entspricht.

Allen, die dazu beigetragen haben, die oft beträchtlichen Schwierigkeiten beim weiteren Ausbau der Bibliographie der Pflanzenschutzliteratur zu überwinden, sei an dieser Stelle besonders gedankt.

Berlin-Dahlem, den 20. November 1961 **Johannes Bärner**

Introduction

The »Bibliographie der Pflanzenschutzliteratur« was issued the first time by Oberregierungsrat Prof. Dr. Morstatt in 1921, and includes in 29 volumes the phytopathological literature for the years 1914—1954. This bibliography comprises more than 17800 titles for 1954.

The provided arrangements of Prof. Morstatt were kept on. In order to guarantee a fast and sure way of locating the desired literature it was indispensable to classify the single chapter according to their extents in a more particular way. This is especially true of the single sections on the mycological parasites and entomological pests. From a practical consideration, the headings have been written in the Latin language and have been arranged systematically. Where the systematical classification has proved unsuitable, however, an alphabetical one of the families and species concerned has been used, such as in chapter III, 5 »Commercial plants« and in chapter III, 9 »Ornamental plants«.

The main departments and chapters, using Roman and Arabic numerals, have remained unchanged according to the classification of the former editions of the bibliographies of plant protection, thus facilitating a continuous arrangement of the literature works of reference into a card index of plant protection. This card index is to be found in the »Biologische Bundesanstalt für Land- und Forstwirtschaft, Berlin-Dahlem«, and comprises more than 300 000 cards.

All the chapter headings have been specified in the detailed contents. Hence, it is recommended to use this index extensively before looking up the desired literature. In addition, there are the »living headings«, which are sufficient for general information.

Titles, introductions, chapter headings and »living headings« have been written in three languages, German, English, and French. Explanations as to the sources, the numbers of pages, figures, etc., have appeared in the German language where German works are quoted and in Latin for all the foreign works. The abbreviations used are to be taken from the following table:

Latin		German		English	French
ann.	= annus	Jahrg.	= Jahrgang	annual publication	année
ed.	= editio	Aufl.	= Auflage	edition	édition
fig.	= figura(e)	Abb.	= Abbildung(en)	figure	figure, illustration
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vol.	= volumen	Bd. Bde.	= Band = Bände	volume	volume, tome

In order to avoid repetition of the quotations of literature, »general parts« have been inserted into the sub-chapters.

Statements of literature on the species of *Morus* and *Salix* have been put at the end of chapter III, 8 »Forest trees«.

Texts within cornered brackets serve as more distinct contents of the quotations of literature.

Titles in Cyrillic script are reproduced in the German, scientific transliteration which respond to the German standards »Transliteration kyrillischer Buchstaben«, DIN 1460 (draught made in December 1953), and the recommendation of the ISO (International Organization for Standardization) no. R 9 – 1954 (E).

To all those who have contributed to overcoming the often considerable difficulties in completing this bibliography of the literature of plant protection, I give particular thanks.

Berlin-Dahlem, November 20, 1961 **Johannes Bärner**

Introduction

La »Bibliographie der Pflanzenschutzliteratur« fut publiée dès 1921 par le Oberregierungsrat Prof. Dr. Morstatt. En 29 volumes, elle compile la littérature spéciale de la période de 1914—1954. Ce tome contient plus que 17800 titres de l'année 1954.

La classification adoptée par Prof. Morstatt est gardée; cependant il était indispensable de spécifier davantage les chapitres les plus volumineux afin de faciliter les travaux désirés dans le matérial considérable. En particulier cette subdivision a été appliquée aux chapitres traitant des champignons pathogènes et des insectes nuisibles. Il a été considéré pratique de reproduire les en-têtes de ces chapitres en latin et de les classer systématiquement. L'ordre alphabétique a été préféré pour les familles et genres dont une classification systématique n'était pas indiquée, par exemple chapitre III, 5 »plantes du commerce« et III, 9 »plantes horticoles«.

Les divisions et chapitres principaux munis de chiffres romains et arabes sont restés inchangés. Ils correspondent toujours à ceux des éditions précédentes de la »Bibliographie der Pflanzenschutzliteratur« afin de faciliter l'enregistrement dans le fichier de la protection des plantes. Celui se trouve à »Biologische Bundesanstalt für Land- und Forstwirtschaft« à Berlin-Dahlem et comporte plus de 300 000 fiches.

Tous les en-têtes figurent sur une table des matières détaillée et pour les recherches de littérature nous recommandons de se servir toujours de cet index. S'y ajoutent les »titres courants« qui suffiront pour une orientation générale.

Les titres, les introductions, les en-têtes et les »titres courants« se trouvent reproduits en allemand, français et anglais. Les renseignements concernant l'indication des sources (numéros des pages, illustrations etc.) figurent en allemand s'il s'agit de publications allemandes et en latin pour les publications étrangères. Les abréviations se trouvent expliquées ci-après:

latin		allemand		français	anglais
ann.	= annus	Jahrg.	= Jahrgang	année	annual publication
ed.	= editio	Aufl.	= Auflage	édition	edition
fig.	= figura(e)	Abb.	= Abbildung(en)	figure, illustration	figure
nr.	= numerus	Nr.	= Nummer(n) Heft(e)	numéro	number
n. ser.	= nova series	n. S.	= neue Serie neue Reihe	série nouvelle	new series
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tab.	= tabula	Taf.	= Tafel(n)	planche	plate
tab. col.	= tabula colorata	Farbtaf.	= Farbtafel(n)	planche en couleurs	coloured plate
tab. geogr.	= tabula geographica	Kart.	= Karte(n) Landkarte(n)	carte	map
vol.	= volumen	Bd. Bde.	= Band = Bände	volume, tome	volume

Des chapitres d'un thème général précédent aussi les subdivisions afin d'éviter des répétitions dans la documentation.

La littérature citée pour les genres *Morus* et *Salix* est traitée à part à la fin du chapitre III, 8 »arbres forestiers«.

Les textes entre crochets précisent le contenu de la littérature citée.

Citations littéraires en écriture cyrillique doivent être rédigées d'après la translitération allemande et scientifique, qui correspond aux normes allemands »Transliteration kyrillischer Buchstaben« DIN 1460, projet de Décembre 1953, et aux recommendations de la ISO, International Organization for Standardization, no. R 9 – 1954 (E).

Nous tenons à remercier particulièrement tous ceux qui ont contribué à surmonter les difficultés s'opposant à l'achèvement de la »Bibliographie der Pflanzenschutzliteratur«.

Berlin-Dahlem, 20 novembre 1961 **Johannes Bärner**

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I. Allgemeiner Teil
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Identification, microscopy and purification
Identification, microscopie et purification

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III. Krankheiten und Wirtspflanzen
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1. Vegetation und Kulturpflanzen im allgemeinen
Übersicht über das Auftreten von Pflanzenkrankheiten und Schädlingen
Vegetation and cultivated plants in general
Survey of the incidence of plant diseases and parasites
Végétation et plantes cultivées en général
Résumé de la fréquence des maladies végétales et des parasites

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